

Updated 05/22/08

Task	Subtask	Who	Start	End	Completed
KEY:					
Red: Highest Priority; Blue: Completed; Black: Upcoming					
Processing GEOS Met Fields				5/30/08	
	Process archived metfields	Megan	4/11/08	5/30/08	
GEOS-1/GISS runs (for Hongyu)				6/6/08	
	Perform runs	Megan	2/22/08	6/6/08	
Combo Integration with GEOS-5					
	Remove mcor inside emission component	Jules			
	Assist GMAO as needed	Jules			
Implementing GEOS5 Changes in GMI				TBD	
	Add option to use predicted CH ₄ /H ₂ O instead of clim.	Jules/David	TBD	TBD	
	H ₂ O and H ₂ OCOND transported when using predicted	Jules/David	TBD	TBD	
	Match GMI and G5 H ₂ O un	Jules/David	TBD	TBD	
	Hand H ₂ OCOND to H ₂ O if H ₂ OCOND in trop	Jules/David	TBD	TBD	
	Implement time-flexible interpolation for monthly BCs	Jules/David	TBD	TBD	
	1 year test aura4 run with new tropopause/PSC routine	Gary	TBD	TBD	
Update GMI to use GEOS5 metfields				6/20/08	
	Update code as needed for new variable names	Megan	5/27/08	6/11/08	
	Generate a test run with G5 metfields	Megan	6/11/08	6/20/08	
	Test trace gas and aerosol output	Megan	TBD	TBD	
Gas-phase/aerosol coupling				TBD	

Run model with new sulfur chem-gas phase only	Steve	TBD	TBD
Run model with new gas phase chem and aerosol model	Steve	TBD	TBD
Run model with new chem and aerosol modules and on	Steve	TBD	TBD
Run model with aerosol and chem interacting	Steve	TBD	TBD

Update JPL06 Cross-sections

Have cross-sections validated by M. Prather	Huisheng	3/6/08	TBD
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Add advecCore to the GMI code

7/15/08

Deal with MAPL/GMI conflict			
Establish plan to update MAPL to work with		TBD	TBD
Implement plan to update MAPL		TBD	TBD
Remove the "n+1" issue	Jules	5/27/08	6/30/08
Test new code and validate	Jules	7/1/08	7/15/08

Processing ECMWF Met Fields

Process 2006 ECMWF fields from Michael Prather	Jules/Tom	TBD	TBD
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Other Code Updates/Model Runs/Issues

Varies

Migrate from email groups to ModelingGuru	GMI Team	4/10/08	TBD
Update production run spreadsheet	Megan	as needed	
Gather comments on User's Guide and edit	Megan/Gary/Jul	as needed	
Assist scientists as needed	Jules/Megan	TBD	TBD
Fix advec_opt bug	Jules	TBD	TBD
Implement stratospheric water transport	Jules/David	TBD	TBD
Generate self-contained/regression tests for code	Megan	9/12/07	TBD
Decide on monthly vs. daily interpolation	TBD	TBD	TBD
Fix date/met field bug	Jules/Megan	TBD	TBD
Fix leap year bug	Jules/Megan	TBD	TBD
Fix "no emission" bug	Jules	TBD	TBD
Add Linoz to the model	Jules/Steve		
Test Combo/strat code with GCR files	Jules/Steve		

Condense emissions variables into two variables	Jules
Change netCDF data format	Jules
Hindcast runs	Megan
Introduce mesospheric chemistry	Jules/Megan